

6/16/2015

Aims for today:

1. Inoculate pACBB
2. Make M9 media
3. Perform gel extraction on pDawn, lacZ, pACBB-eGFP, and luxbox from gel we ran yesterday.
4. Ligate luxbox and pACBB
5. Ligate pDawn and lacZ
6. Transform luxbox and pACBB
7. Transform pDawn and lacZ
8. Miniprep pDawn
9. Back dilute and induce luxbox
10. Measure luminescence of induced luxbox on the hour
11. PCR cleanup on lacZ
12. 3 hour digest of lacZ

Accomplishments:

1. Made M9
2. Gel extracted pDawn, lacZ, luxbox, and pACBB
3. Ligated luxbox and pACBB
4. Ligated pDawn and lacZ
5. Transformed luxbox and pACBB
6. Transformed pDawn and lacZ
7. Miniprep pDawn
8. Back diluted and induced luxbox
9. Measured luminescence of induced luxbox on the hour
10. PCR clean up on lacZ
11. Digested lacZ
12. Inoculate pACBB

Aims for tomorrow:

1. Glycerol stock luxbox and pSB1C3
2. Miniprep more pACBB-eGFP
3. Look at transformed plates, pick colonies, inoculate
4. Colony PCR lacZ from pDawn and luxbox from pACBB
5. Column purify digested lacZ
6. Dilute luxbox to OD600 .3, take measurements at 1 hr, 3 hr, 5 hr, etc.
7. Take 24th hour time point for lux box trial 1 (the one we started today)
8. Potentially do overnight ligations if the transformations from today don't work
9. Miniprep and glycerol stock ligated plasmids pDawn and lacZ and luxbox and pACBB.